

Notice of Allowability

Application No.

10/625,467

Examiner

Ted Kim

Applicant(s)

GRAF ET AL.

Art Unit

3746

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/19/2007.
2. ☒ The allowed claim(s) is/are 1-4 and 6-11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Adam Cermak on December 6, 2007.

Oath/Declaration

2. The oath or declaration is defective. The oath or declaration is defective because:

The Foreign priority application claims the incorrect year, i.e. 2003, rather than 2002.

Applicant may **either** file a new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing (see MPEP §§ 602.01 and 602.02) **OR** file a Supplemental Application Data Sheet correcting the previously sent information. See MPEP 601.015c (see below).

The application has been amended as follows:

CLAIMS

1. (Currently Amended) An annular combustor for a gas turbine, comprising: a wall, an inlet side, and an outlet side, the inlet side configured and arranged to accept burners opening on the inlet side, the combustor extending in an axial direction from the inlet side to the outlet side, cooled liner segments lining insides of the wall for protection from hot gases;

wherein the liner segments are subdivided in the axial direction into a plurality of non-overlapping and angled parts arranged one behind the other; and

a plurality of segment carriers, the liner segments being fastened to the segment carriers, the segment carriers being subdivided in the axial direction into a plurality of separate, detachably connected parts, each having substantially the same length as its corresponding liner segment, at least one junction of adjacent segment carriers forming together a wedge shape.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance: the prior art of record do not fairly teach the claimed invention in permissible combination as amended above. In a telephonic interview with Adam Cermak, it was conveyed that the applied DE 3435611 (US equivalent Scott 4,567,730) teaches attaching the segment carriers with welds (90) and that other detachably connected parts using connections including bolts and equivalents (see col. 6, lines 58-65 of Scott 4,567,730).

4. Scott per se uses overlapping liner segments which are not angled when arranged one behind another nor does Scott use a wedge shape at the junction of adjacent segment carriers. Scott could be used as a teaching reference to separate the segment carriers into separate, detachably connected parts but none of the art of record would fairly teach using the claimed wedge shape nor how to join adjacent carriers into such a configuration.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

601.05 Bibliographic Information - Application Data Sheet (ADS) [R-5]

37 CFR 1.76 Application Data Sheet

(a) *Application data sheet*. An application data sheet is a sheet or sheets, that may be voluntarily submitted in either provisional or nonprovisional applications, which contains bibliographic data, arranged in a format specified by the Office. An application data sheet must be titled "Application Data Sheet" and must contain all of the section headings listed in paragraph (b) of this section, with any appropriate data for each section heading. If an application data sheet is provided, the application data sheet is part of the provisional or nonprovisional application for which it has been submitted.

(b) *Bibliographic data*. Bibliographic data as used in paragraph (a) of this section includes:

(1) *Applicant information*. This information includes the name, residence, mailing address, and citizenship of each applicant (§ 1.41(b)). The name of each applicant must include the family name, and at least one given name without abbreviation together with any other given name or initial. If the applicant is not an inventor, this information also includes the applicant's authority (§§ 1.42, 1.43, and 1.47) to apply for the patent on behalf of the inventor.

(2) *Correspondence information*. This information includes the correspondence address, which may be indicated by reference to a customer number, to which correspondence is to be directed (see § 1.33(a)).

(3) *Application information*. This information includes the title of the invention, a suggested classification, by class and subclass, the Technology Center to which the subject matter of the invention is assigned, the total number of drawing sheets, a suggested drawing figure for publication (in a nonprovisional application), any docket number assigned to the application, the type of application (*e.g.*, utility, plant, design, reissue, provisional), whether the application discloses any significant part of the subject matter of an application under a secrecy order pursuant to § 5.2 of this chapter (see § 5.2(c)), and, for plant applications, the Latin name of the genus and species of the plant claimed, as well as the variety denomination. The suggested classification and Technology Center information should be supplied for provisional applications whether or not claims are present. If claims are not present in a provisional application, the suggested classification and Technology Center should be based upon the disclosure.

(4) *Representative information.* This information includes the registration number of each practitioner having a power of attorney in the application (preferably by reference to a customer number). Providing this information in the application data sheet does not constitute a power of attorney in the application (see § 1.32).

(5) *Domestic priority information.* This information includes the application number, the filing date, the status (including patent number if available), and relationship of each application for which a benefit is claimed under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and § 1.78(a)(2) or § 1.78(a)(5), and need not otherwise be made part of the specification.

(6) *Foreign priority information.* This information includes the application number, country, and filing date of each foreign application for which priority is claimed, as well as any foreign application having a filing date before that of the application for which priority is claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and § 1.55(a).

(7) *Assignee information.* This information includes the name (either person or juristic entity) and address of the assignee of the entire right, title, and interest in an application. Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of this chapter to have an assignment recorded by the Office.

(c) *Supplemental application data sheets.* Supplemental application data sheets:

(1) May be subsequently supplied prior to payment of the issue fee either to correct or update information in a previously submitted application data sheet, or an oath or declaration under § 1.63 or § 1.67, except that inventorship changes are governed by § 1.48, correspondence changes are governed by § 1.33(a), and citizenship changes are governed by § 1.63 or § 1.67; and

(2) Must be titled "Supplemental Application Data Sheet," include all of the section headings listed in paragraph (b) of this section, include all appropriate data for each section heading, and must identify the information that is being changed, preferably with underlining for insertions, and strike-through or brackets for text removed.

(d) *Inconsistencies between application data sheet and other documents.* For inconsistencies between information that is supplied by both an application data sheet under this section and other documents.

(1) The latest submitted information will govern notwithstanding whether supplied by an application data sheet, an amendment to the specification, a designation of a correspondence address, or by a § 1.63 or § 1.67 oath or declaration, except as provided by paragraph (d)(3) of this section;

(2) The information in the application data sheet will govern when the inconsistent information is supplied at the same time by an amendment to the specification, a designation of correspondence address, or a § 1.63 or § 1.67 oath or declaration, except as provided by paragraph (d)(3) of this section;

(3) The oath or declaration under § 1.63 or § 1.67 governs inconsistencies with the application data sheet in the naming of inventors (§ 1.41 (a)(1)) and setting forth their citizenship (35 U.S.C. 115);

(4) The Office will capture bibliographic information from the application data sheet (notwithstanding whether an oath or declaration governs the information). Thus, the Office shall generally, for example, not look to an oath or declaration under § 1.63 to see if the bibliographic information contained therein is consistent with the bibliographic information captured from an application data sheet (whether the oath or declaration is submitted prior to or subsequent to the application data sheet). Captured bibliographic information derived from an application data sheet containing errors may be corrected if applicant submits a request therefor and a supplemental application data sheet.

37 CFR 1.76 provides for the voluntary inclusion of an application data sheet in provisional and nonprovisional applications. A guide to preparing an application data sheet (Patent Application Bibliographic Data Entry Format) can be found on the U.S. Patent and Trademark Office (Office) Web site "<http://www.uspto.gov>".

An application data sheet (ADS) is a sheet or set of sheets containing bibliographic data, which is arranged in a format specified by the Office. When an application data sheet is provided in a provisional or nonprovisional application, the application data sheet becomes part of the provisional or nonprovisional application and must comply with 37 CFR 1.52. While the use of an application data sheet is optional, the Office prefers its use to help facilitate the electronic capturing of this important data. For example, in a national stage application filed under 35 U.S.C. 371, the Office could look to the publication of the international application for the title (see MPEP § 1893.03(e)) and to other documents for the listing of inventors and the correspondence address, but it is more desirable for the Office to only refer to a single document, i.e., an application data sheet. The data that is suggested to be supplied by way of an application data sheet can also be provided elsewhere in the application papers, but it is to applicant's advantage to submit the data via an application data sheet. To help ensure that the Office can, in fact, efficiently capture the data, the Office specifies a particular format to be used. The Office does not, however, provide an application data sheet paper form because of the variability in the data submitted (e.g., one application may have no domestic priority data and a single inventor, and others may have domestic priority data to a number of prior U.S. applications and have multiple joint inventors).

37 CFR 1.76(a) requires that any ADS contain the seven headings listed in 37 CFR 1.76(b) with any appropriate data for each section heading. The ADS must be titled "Application Data Sheet" and any label (e.g., the label "Given Name" in the "Applicant Information" heading) that does

not contain any corresponding data will be interpreted by the Office to mean that there is no corresponding data for that label anywhere in the application. By requiring an ADS to contain all seven section headings, and any appropriate data for the sections, the accuracy of bibliographic data in patent applications will be enhanced and the need for corrected filing receipts related to Office errors will be reduced.

Bibliographic data under 37 CFR 1.76(b) includes: (1) applicant information; (2) correspondence information; (3) application information; (4) representative information; (5) domestic priority information; (6) foreign priority information; and (7) assignee information. The naming of the inventors and the setting forth of the citizenship of each inventor must be provided in the oath or declaration under 37 CFR 1.63 (as is required by 35 U.S.C 115) even if this information is provided in the application data sheet.

Applicant information includes the name, residence, mailing address, and citizenship of each applicant (37 CFR 1.41(b)). The name of each applicant must include the family name, and at least one given name without abbreviation together with any other given name or initial. If the applicant is not an inventor, this information also includes the applicant's authority (37 CFR 1.42, 1.43, and 1.47) to apply for the patent on behalf of the inventor. The "mailing address" is the address where applicant customarily receives mail.

Correspondence information includes the correspondence address, which may be indicated by reference to a customer number, to which correspondence is to be directed (see 37 CFR 1.33(a)).

Application information includes the title of the invention, a suggested classification by class and subclass, the Technology Center (TC) to which the subject matter of the invention is assigned, the total number of drawing sheets, a suggested drawing figure for publication (in a nonprovisional application), any docket number assigned to the application, and the type of application (e.g., utility, plant, design, reissue, provisional). Application information also includes whether the application discloses any significant part of the subject matter of an application under a secrecy order pursuant to 37 CFR 5.2(c).

Although the submission of the information related to a suggested classification and TC is desired for both provisional and nonprovisional applications, the Office will not be bound to follow such information if submitted, as the Office will continue to follow its present procedures for classifying and assigning new applications. Similarly for the suggested drawing figure, the Office may decide to print another figure on the front page of any patent issuing from the application.

Application information also includes information about provisional applications, particularly their class and subclass, and the TC. Provisional applications are not examined or even processed (e.g., having a class and subclass assigned or being forwarded to a TC). Even though provisional applications are not examined, the TC and the class and subclass, if known to applicants, would be of benefit to the Office in giving an indication of where nonprovisional applications may be eventually received in the Office and their technologies so that the Office will be better able to plan for future workloads.

37 CFR 1.76(b)(3) also requests that the plant patent applicant state the Latin name and the variety denomination for the plant claimed. The Latin name and the variety denomination of the claimed plant are usually included in the specification of the plant patent application, and will be included in any plant patent or plant patent application publication if included in an application data sheet or patent application. The Office, pursuant to the "International Convention for the Protection of New Varieties of Plants" (generally known by its French acronym as the UPOV convention), has been asked to compile a database of the plants patented and the database must include the Latin name and the variety denomination of each patented plant. Having this information in separate sections of the plant patent will make the process of compiling this database more efficient.

Representative information includes the registration number appointed with a power of attorney in the application (preferably by reference to a customer number). 37 CFR 1.76(b)(4) states that providing this information in the application data sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). This is because the Office does not expect the application data sheet to be executed by the party (applicant or assignee) who may appoint a power of attorney in the application.

Domestic priority information includes the application number (series code and serial number), the filing date, the status (including patent number if available), and relationship of each application for which a benefit is claimed under 35 U.S.C. 119(e), 120, 121, or 365(c). 37 CFR 1.76(b)(5) states that providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120. Since the application data sheet, if provided, is considered part of the application, the specific reference to an earlier filed provisional or nonprovisional application in the application data sheet satisfies the "specific reference" requirement of 35 U.S.C. 119(e)(1) or 120, and it also complies with 37 CFR 1.78(a)(2) (iii) or (a)(5)(iii). Thus, a specific reference does not otherwise have to be made in the specification, such as in the first sentence(s) of the specification. If continuity data is included in an application data sheet, but not in the first sentence(s) of the specification, the continuity data for the patent front page will be taken from the application data sheet. No continuity data will be included in the first sentence(s) of the specification if applicant does not provide it there. 37 CFR 1.76(b)(5) does not apply to provisional applications.

Foreign priority information includes the application number, country, and filing date of each foreign application for which priority is claimed, as well as any foreign application having a filing date before that of the application for which priority is claimed. 37 CFR 1.76(b)(6) states that providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a). The patent statute, 35 U.S.C. 119(b), does not require that a claim to the benefit of a prior foreign application take any particular form. 37 CFR 1.76(b)(6) does not apply to provisional applications.

37 CFR 1.76(b)(7) provides that the assignee information includes the name (either person or juristic entity) and address of the assignee of the entire right, title, and interest in an application. The inclusion of this information in the application data sheet does not substitute for compliance

with any requirement of 37 CFR part 3 to have an assignment recorded by the Office. Providing assignee information in the application data sheet is considered a request to include such information on the patent application publication, since there is no other reason for including such information in the application data sheet. Assignment information must be recorded to have legal effect.

Supplemental application data sheets may be subsequently supplied prior to payment of the issue fee to either correct or update information in a previously submitted application data sheet, or an oath or declaration under 37 CFR 1.63 or 1.67. See 37 CFR 1.76(c)(1). A supplemental data sheet cannot be used to correct the following: (1) inventorship changes (37 CFR 1.48); (2) correspondence changes (37 CFR 1.33(a)); and (3) citizenship changes (37 CFR 1.63 or 37 CFR 1.67). Supplemental application data sheets must be titled "Supplemental Application Data Sheet" and also contain all of the seven section headings listed in 37 CFR 1.76(b) with all appropriate data for each heading. Supplemental application data sheets identifying only the information that is being changed (added, deleted, or modified) in the supplemental ADS are not acceptable. A supplemental ADS containing only new or changed information is likely to confuse the record, create unnecessary work for the Office, and does not comply with 37 CFR 1.76. If no ADS was originally filed, but applicant wants to submit an ADS to correct, modify, or augment the original application data, the ADS, even though it is the first-filed ADS, must be titled "Supplemental Application Data Sheet."

SUPPLEMENTAL ADS SUBMISSIONS

When submitting an application data sheet supplemental to the initial filing of the application, to correct, modify, or augment the original application data sheet, the following applies:

- (A) the supplemental application data sheet must be titled "Supplemental Application Data Sheet" (while the title "Supplemental Application Data Sheet" is preferred, "Supp. ADS", "Supplemental ADS" or other variations thereof will be accepted);
- (B) the supplemental application data sheet must be a full replacement copy of the original ADS, if any, with each of the seven section headings listed in 37 CFR 1.76(b), and with all appropriate data for the section heading;
- (C) the supplemental application data sheet must be submitted with all changes indicated, preferably with insertions or additions indicated by underlining, and deletions, with or without replacement data, indicated by strike-through or brackets; and
- (D) the footer information should include the word "Supplemental" in place of "Initial" and should also contain the Application Number and Filing Date.

A supplemental ADS that is being used to correct data shown in an oath or declaration, such as foreign priority or residence information for an inventor, would show the original incorrect information with strike-through or brackets, and the new information with underlining, as if an ADS had originally been used to submit the information. For example, if the original oath or

declaration included a foreign priority claim, in order to delete the foreign priority claim, applicant should provide a supplemental ADS showing the foreign priority claim with strike-through or brackets to ensure that the patent will reflect such change.

Resolution of inconsistent information supplied by both an application data sheet and other documents (e.g., the oath or declaration under 37 CFR 1.63, or 37 CFR 1.67) are addressed in 37 CFR 1.76(d). If an ADS is inconsistent with the information provided in another document that was submitted at the same time or previous to the ADS submission, the ADS will control. 37 CFR 1.76(d)(1) provides that the latest submitted information will govern notwithstanding whether supplied by an application data sheet, an amendment to the specification, a designation of a correspondence address, or by an oath or declaration under 37 CFR 1.63 or 37 CFR 1.67, except as provided by 37 CFR 1.76(d)(3). This is because the application data sheet is intended as the means by which applicants will provide most information to the Office. In the small number of instances where another document has more accurate information than a concurrently supplied application data sheet (37 CFR 1.76(d)(2)), a supplemental application data sheet should be submitted to conform the information presented by the supplemental application data sheet with the correct information in the other document(s) (37 CFR 1.76(d)(1)).

If an application is filed with an application data sheet improperly identifying the residence of one of the inventors, inventor B, and an executed 37 CFR 1.63 declaration setting forth the correct but different residence of inventor B, the Office will capture the residence of inventor B found in the application data sheet as the residence of B, and include that information in the filing receipt. If applicant desires correction of the residence, applicant should submit a supplemental application data sheet under 37 CFR 1.76(c), with the name of inventor B and the corrected residence for inventor B.

Pursuant to 37 CFR 1.76(d)(3), the oath or declaration under 37 CFR 1.63 or 37 CFR 1.67 governs inconsistencies with the application data sheet in the naming of inventors and setting forth their citizenship. If different inventors are listed in the application data sheet than are named in the oath or declaration for the application, the inventors named in the oath or declaration are considered to be the inventors named in the patent application. See 37 CFR 1.76(d)(3). Any change in the inventorship set forth in the oath or declaration under 37 CFR 1.63 must be by way of *>a request< under 37 CFR 1.48(a) notwithstanding identification of the correct inventive entity in an application data sheet or supplemental application data sheet. Similarly, if the oath or declaration under 37 CFR 1.63 incorrectly sets forth the citizenship of one of the inventors, that inventor must submit a supplemental oath or declaration under 37 CFR 1.67 with the correct citizenship notwithstanding the correct identification of the citizenship in an application data sheet or supplemental application data sheet. If the spelling of the inventor's name is incorrect, however, only a supplemental application data sheet is required. See MPEP § 605.04(b).

The Office will rely upon information supplied in the application data sheet over an oath or declaration to capture the data even where the type of information supplied (citizenship, inventorship) is governed by the oath or declaration according to statute (35 U.S.C. 115) or

other rule (37 CFR 1.41(a)(1)). Where the oath or declaration under 37 CFR 1.63 or 37 CFR 1.67 contains the correct information regarding inventors or their citizenship and the application data sheet does not, even though the oath or declaration governs pursuant to 37 CFR 1.76(d)(3), the information in the application data sheet must be corrected by submission of a request for correction and a supplemental application data sheet. If the spelling of the inventor's name is incorrect, however, only a supplemental application data sheet is required. See MPEP § 605.04(b).

If an application is filed with an application data sheet correctly setting forth the citizenship of inventor B, and an executed 37 CFR 1.63 declaration setting forth a different incorrect citizenship of inventor B, the Office will capture the citizenship of inventor B found in the application data sheet. Applicant, however, must submit a supplemental oath or declaration under 37 CFR 1.67 by inventor B setting forth the correct citizenship even though it appears correctly in the application data sheet. A supplemental application data sheet cannot be used to correct the citizenship error in the oath or declaration. If, however, the error is one of residence, no change would be required (37 CFR 1.76(d)(2)).

Although 37 CFR 1.76 does not change the practice in MPEP § 201.03 and § 605.04(b) regarding correction of a typographical or transliteration error in the spelling of an inventor's name whereby all that is required is notification of the error to the Office, the Office strongly encourages the filing of an application data sheet or a supplemental application data sheet to correct a typographical or transliteration error in the spelling of an inventor's name. A supplemental oath or declaration is not required.

If applicant merely files a statement notifying the Office of the typographical or transliteration error in the spelling of an inventor's name without submitting an application data sheet or a supplemental application data sheet, any patent to issue is less likely to reflect the correct spelling since the spelling of the inventor's name is taken from the oath or declaration, or any subsequently filed application data sheet.

As to the submission of class/subclass information in the application data sheet, the Office notes that there is a distinction between permitting applicants to aid in the identification of the appropriate Art Unit to examine the application and requiring the Office to always honor such identification/request, which could lead to misuse by some applicants of forum shopping. Even when an applicant's identification of an Art Unit is appropriate, internal staffing/workload requirements may dictate that the application be handled by another Art Unit qualified to do so, particularly when the art or claims encompass the areas of expertise of more than one Art Unit.

An application data sheet must be labeled "Application Data Sheet" and should provide the following information:

Applicant Information

Inventor One Given Name:

Application/Control Number:
10/625,467
Art Unit: 3746

Page 12

Family Name:

Name Suffix:

Mailing Address Line One:

Mailing Address Line Two:

City:

State or Province:

Postal or Zip Code:

City of Residence:

State or Prov. of Residence:

Country of Residence:

Citizenship Country:

[repeat for additional inventors]

If the applicant is not an inventor, the applicant information should also include the applicant's authority to apply for the patent on behalf of the inventor (see 37 CFR 1.42, 1.43 and 1.47). For example, if the inventor is deceased or legally incapacitated, the applicant should include "Legal Representative" as the authority. Similarly, if a petition under 37 CFR 1.47(b) is filed, the applicant's authority would be "Party in Interest under 35 U.S.C. 118." If the application is filed by the Administrator of NASA, the applicant's authority would be "Government Property Interest."

Given or Company Name of Applicant:

Family Name, if any:

Name Suffix:

Authority:

Mailing Address Line One:

Mailing Address Line Two:

City:

State or Province:

Postal or Zip Code:

Application/Control Number:
10/625,467
Art Unit: 3746

Page 13

City of Residence:

State or Prov. of Residence:

County of Residence:

Citizenship Country:

Correspondence Information

Name Line One:

Name Line Two:

Address Line One:

Address Line Two:

City:

State or Province:

Country:

Postal or Zip Code:

Telephone:

Fax:

Electronic Mail:

The correspondence information may be indicated by reference to a Customer Number to which correspondence is to be directed.

Application Information

Title Line One:

Title Line Two:

[Repeat for any additional lines]

Suggested classification:

Suggested Tech. Center:

Total Drawing Sheets:

Suggested Dwg. Figure for Pub.:

Application/Control Number:
10/625,467
Art Unit: 3746

Page 14

Docket Number:

Application Type: [Utility]

Licensed US Govt. Agency:

Contract or Grant Numbers One:

Contract or Grant Numbers Two:

Secrecy Order in Parent Appl.?

If plant patent app.,

Latin name of genus and species of plant claimed:

Representative Information

Registration Number One:

Registration Number Two:

[Repeat for extra registration numbers]

The representative information must list ten or fewer representatives or be indicated by reference to a Customer Number. See 37 CFR 1.32.

Domestic Priority Information

This application is a: [Continuation, Division, C-I-P, or National Stage of]

Application One:

Filing Date:

which is a:

Application Two:

Filing Date:

[repeat as necessary]

Foreign Priority Information

Foreign Application One:

Filing Date:

Country:

Application/Control Number:
10/625,467
Art Unit: 3746

Page 15

Priority Claimed: [Yes or No]

Assignee Information

Name of assignee:

Address Line One:

Address Line Two:

City:

State or Province:

Country:

Postal or Zip Code:

Contact Information

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Ted Kim whose telephone number is 571-272-4829. The Examiner can be reached on regular business hours before 5:00 pm, Monday to Thursday and every other Friday.

The fax number for the organization where this application is assigned is 571-273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Devon Kramer, can be reached at 571-272-7118. Alternate inquiries to Technology Center 3700 can be made via 571-272-3700.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business

Application/Control Number:
10/625,467
Art Unit: 3746

Page 16

Center (EBC) at 866-217-9197 (toll-free). General inquiries can also be directed to the Patents Assistance Center whose telephone number is 800-786-9199. Furthermore, a variety of online resources are available at <http://www.uspto.gov/main/patents.htm>

/Ted Kim/	Telephone	571-272-4829
Primary Examiner	Fax (Regular)	571-273-8300
December 6, 2007	Fax (After Final)	571-273-8300
Technology Center 3700	Telephone	571-272-3700
